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INFORMATION REPORT INFORMATION

## CENTRAL INTELLIGENCE AGENCY

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## CENTRAL INTELLIGENCE AGENCY

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ORDZHONIKIDZE POWER COMBINE UZHGOROD POWER COMBINE  IN 3. ARMENIAN POWER SYSTEM
thin the Southern Power System. The directorate of the Combine was cated in Ordzhonikidze. The main directorate was located in the ilding of the Ministry of Electric Power Stations in Moscow, to which we Combine was subordinate. The Combine consisted of the following droelectric power stations:
The Ordzhonikidze hydroelectric power station (GES), located on the Terek River, on the outskirts of Ordzhonikidze, formerly Dzaudzhikau, the capital of the Severo-Osetinskaya ASSR. Its installed capacity was about 6,000 kilowatts or 7,400 KVA and the average output was about 3,000 kilowatts.
The dam and reservoir were very small. The transformer station was outdoors. The GES had no underground installations. It had two steel conduits about 100 meters long;  The head was about 25 meters. The diversion canal was made of reinforced concrete and measured about
two kilometers long; The GES 50X1-H had two 3,000-kilowatt vertical turbines of unidentified foreign make.
energy to the city of Ordzhonikidze  No foreigners worked at this station
or any of the others described below.  50X1-HUM  The Gizeldonskaya GES, located on an unidentified river near the town of Gizel (N 43-02, E 44-34), about 12 kilometers east of Ordzhonikidze.  Its turbines were horizontal, Pelton type, manufactured in the Stalin machinery plant in Leningrad.
50X1-HUM
Ezminskaya GES, on the Terek River, near the town of Ezminges. about 20 kilometers south of Ordzhonikidze.  this GES had 30,000-kilowatt vertical Francis turbines built in the Uralskiy mashinnostroitelnyy zavod, which was located in Uralsk. This GES had no reservoir
it used water from the Ordzhonikidzevskaya GES,
KVA. The transformer station was outdoors. The GES had no underground installations. The GES had two or three steel conduits with a head of about 200 meters. The diversion canal was made of reinforced concrete.
KVA. The transformer station was outdoors. The GES had no underground installations. The GES had two or three steel conduits with a head of about 200 meters. The diversion canal was made of reinforced concrete.  The GES had two or three generators, each driven by a turbine.  The turbines and generators were in-
KVA. The transformer station was outdoors. The GES had no underground installations. The GES had two or three steel conduits with a head of about 200 meters. The diversion canal was made of reinforced concrete.  The GES had two or three 30,000-kilowatt vertical Francis turbines. The GES had two or three
KVA. The transformer station was outdoors. The GES had no underground installations. The GES had two or three steel conduits with a head of about 200 meters. The diversion canal was made of reinforced concrete.  The GES had two or three generators, each driven by a turbine.  The turbines and generators were in-
KVA. The transformer station was outdoors. The GES had no underground installations. The GES had two or three steel conduits with a head of about 200 meters. The diversion canal was made of reinforced concrete.  The GES had two or three generators, each driven by a turbines. The GES had two or three steel generators, each driven by a turbine.  The turbines and generators were installed in late 1954.
kVA. The transformer station was outdoors. The GES had no underground installations. The GES had two or three steel conduits with a head of about 200 meters. The diversion canal was made of reinforced concrete.  The GES had two or three GES had two or three generators, each driven by a turbine.  The turbines and generators were installed in late 1954.  The energy produced was for both urban and industrial use
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El.	e Uzhgorod Power Combine, which was subordinate to the Ministry of ectric Power Stations, was composed of the following power stations:	
a.	Uzhgorodskaya GES, located on the Uzh River, in Uzhgorod. Its office was located in the city  The installed capacity was 2,250 kilowatts. The cap-	□ 50X1-H
	acity in KVA was 2,800. the average output, or the capacity of	
	the reservoir.	
	underground installations. The dam was of reinforced concrete, was about three meters high, and was a free flow type. There were no conduits. The drop between the station and the river was about termeters. The diversion canal had been excavated in the earth and was partly of reinforced concrete.  The GES had two vertical Kaplan turbines, one of 1,500 and the other of 750 kilowatts. Both had been manufactured in an	50X1-HUM
	unidentified foreign country.  The GES had two turbine-driven generators, one of which had been built in an unidentified foreign count One had a capacity of 1,875 KVA; the other had a capacity of 925 KVA. Both turbines and generators had been installed before World War II.  Energy produced was for both urban and industrial use	50X1-HUM
	thought it was transmitted over a great distance.	
ъ.	Uzhgorod thermoelectric power station (TETs), located in Uzhgorod. Its installed capacity was about 3,000 kilowatts. The station burn coal transported from an unknown point. The transformer station was outdoors.	ed s
		(1-HUM
<b>C.</b>	Uzhgorodskaya 2-ya GES, located on the Uzh River, about four or five kilometers upstream from the city of Uzhgorod. The installed capacity was between about 2,500 and 3,000 kilowatts. The transformer station was outdoors. There were no conduits. The drop between the station and the river was about eight meters. The canal was the same as that of the Uzhgorodskaya GES and was partly earth and partly reinforced concrete. The GES had two vertical Kaplan turbines from an unidentified foreign country.	
loc	Ministry of Electric Power Stations. The office of the grid was ated in Yerevan (N 40-11, E 44-30). The system consisted of the	K1-HUM 1-HUM
,,, <sup>6</sup> a.	Managerskaya GES, located on the Zanga River, near the town of Kanaker. It was considered secret;  an installed capacity of 80,000 kilowatts, an average output of 80,000 kilowatts, and four generating units. The output in KVA was 100,000. The reservoir was very small. The transformer station was outdoors. The GES had no underground installations. It had two steel conduits about 300 meters long, each of a different unspecified diameter. The drop between the station and the river was about 200 meters. The diversion canal was of reinforced concrete.  The GES had four or six vertice francis turbines, two of which had a capacity of 25,000 kilowatts, at two a capacity of 15,000 kilowatts. They had been built in the Stal machinery plant in Leningrad.	d al
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